



KENTUCKY SCIENCE &
ENGINEERING FOUNDATION

Spring 2007 Request for Proposals

Program Area: **R&D Excellence**

Open ONLY to Emerging Ideas

RFP#: KSEF-07-RDE-010

Issue Date: April 27, 2007

Submission Due Dates

Letters of Intent: May 11, 2007 (4:00 p.m. ET)

Full Proposal Invitation: May 22, 2007 (4:00 p.m. ET)

Full Proposals: June 14, 2007 (4:00 p.m. ET)

Kentucky Science and Technology Corporation
200 West Vine Street, Suite #420
Lexington, KY 40507

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This RFP and relevant links for online submission are available at <http://ksef.kstc.com>

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1. Back-Ground Information on Issuing Agency

1.1 General Information about KSTC and KSEF

The Kentucky Science and Engineering Foundation (KSEF) was created to invest in research and development activity to promote innovation and build a pipeline of new ideas and technologies that will add value to the scientific and economic growth in the Commonwealth. Created under the Kentucky Innovation Act of 2000, the mission of the KSEF is to build science and engineering capacity and excellence by investing in emerging ideas and technologies, human resource development, and technological innovations in Kentucky.

KSEF is an initiative of the Kentucky Science and Technology Corporation (KSTC) and is managed in partnership with the Council on Postsecondary Education (CPE). KSTC is a private nonprofit enterprise founded in 1987 to enhance capacity of people, firms and organizations to use science and technology and effectively compete in the global market place.

1.2 KSEF R&D Excellence Program

KSEF's Research and Development (R&D) Excellence program approved by the KSTC board of directors is targeted to achieve excellence in science and engineering and allow innovation and technology development in existing and emerging areas of research by making proactive investments through a peer-reviewed competitive selection process.

2. The Request for Proposal (RFP)

2.1 RFP Program Title, Number, and Issuing Office

Program Title: R&D Excellence – Emerging Ideas

RFP Number: KSEF-07-RDE-010

RFP Issuing Office: Kentucky Science and Technology Corporation
200 West Vine Street, Suite # 420
Lexington, KY 40507
859-255-3613 ext. 251

2.2 Purpose of RFP

The purpose of this RFP is to solicit applications for funding in five priority research areas in the 'Emerging Ideas' grant category under the R&D Excellence Program. This grant category allows preliminary work on highly innovative, untested, novel ideas to venture into emerging research areas ahead of others. Research results obtained through this funding are likely to be used as preliminary results in competing for federal funds and in getting researchers recognized as pioneers by their early publication of the new

concept. This funding is considered a high-risk investment but successful applicants will help make Kentucky a leader state in coming years.

2.3 Funding Availability and Stipulations

A total budget of \$400,000 is available for grants made under this RFP. The maximum award size is \$20,000. The period of the grant request will not exceed 12 months. Matching Funds are not required. It is open to Universities and Colleges, but not to small businesses. The purpose of this funding is to invest in the initial development of new ideas or application of research to enable Kentucky researchers to obtain major funding from other sources including federal and industrial. The processing of proposals and the decision on awards is subject to the availability of funds from the Commonwealth of Kentucky.

The funding made available by KSEF is not designed to support an ongoing research project. Previously KSEF-funded research projects are not eligible for continuation funding under this RFP and proposals will not be invited if the LOI or the full proposal is found to be a continuation of a previously funded KSEF award. The Principal Investigator (PI) should instead seek funding for these projects from non-KSEF sources. Additionally, PIs who have more than two active KSEF awards on the proposal submission due date are not eligible to apply. However, submission of a revised proposal that was previously not selected for funding is acceptable.

2.4 Research Focus Area Priorities:

Applications are invited in the following priority: Research Focus Areas established by the Department of Commercialization and Innovation, Cabinet for Economic Development, Commonwealth of Kentucky. See www.thinkkentucky.com/DCI/DCITechnology.aspx to access a description of these focus areas. Funding priority will be given to critical technologies in these areas:

- Biosciences
- Environmental and Energy Technologies
- Human Health and Development
- Information Technologies and Communications
- Materials Science and Advanced Manufacturing

3. Proposal Submission Requirements

3.1 Eligibility

3.11 Universities and Colleges

Faculty members having a regular appointment and researchers with their own lab and funding at any accredited Kentucky college or university are eligible to apply for funding under this RFP announcement. Adjunct faculty members, post-doctoral fellows or graduate students are not eligible to act as a PI; however, they can work on a project if awarded to an eligible faculty member or researcher.

3.12. Limit on Number of Proposals and Awards per RFP Round

An applicant may receive only one award as a PI per RFP round. Principal investigators submitting more than one proposal as a PI shall disclose, at the time of submission, their preference for one of the two proposals in the event that both are recommended for funding. No applicant may submit more than two proposals as a PI. No applicant may submit more than two proposals as a Co-PI.

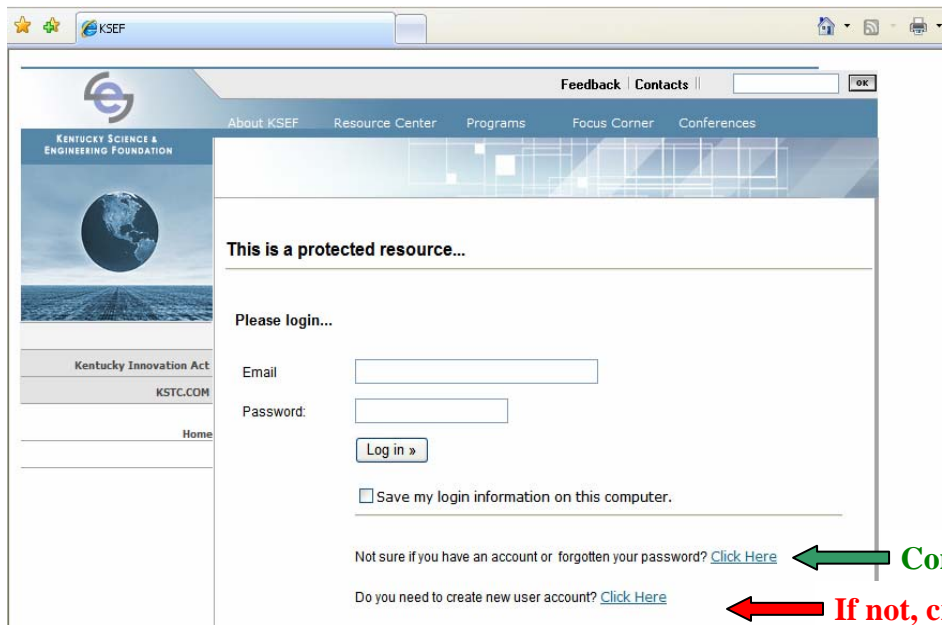
3.2 Submission Deadlines

3.21. Letter of Intent (LOI)

The PI must submit a letter of intent via our [Online Submission form](http://ksef.kstc.com) at <http://ksef.kstc.com> or directly at <http://ksef.kstc.com/RDE010/LOI/home.cfm> to be received on or before 4:00 p.m. ET, May 11, 2007. The Letter of Intent is mandatory.

IMPORTANT NOTICE: Our LOI application has changed from previous rounds. The first page will look as depicted below. Before creating a New Account, please confirm if you are already registered within our databases. To do so, click on the appropriate link found at the bottom of the LOI login page. If **you are registered** within our databases, your e-mail will be recognized by our database, and an electronic confirmation containing your user ID (e-mail address) and Password will be sent to your registered e-mail address directly.

If **you are NOT registered** within our databases, you will need to create a new account. Return to the LOI log in page and create a new account following the link found at the bottom of the page.



The screenshot shows the KSEF LOI login page. The page has a header with the KSEF logo and navigation links: About KSEF, Resource Center, Programs, Focus Corner, and Conferences. The main content area is titled "This is a protected resource..." and "Please login...". It contains a login form with fields for "Email" and "Password", a "Log in »" button, and a checkbox for "Save my login information on this computer." Below the login form, there are two links: "Not sure if you have an account or forgotten your password? [Click Here](#)" and "Do you need to create new user account? [Click Here](#)".

Annotations on the right side of the screenshot:

- A green arrow points to the "Click Here" link for forgotten passwords, with the text "Confirm if you are registered" in green.
- A red arrow points to the "Click Here" link for creating a new account, with the text "If not, create a new account." in red.

The following information will be required for preparation and submission of the LOI:

1. PI and CO-PI contact information
2. Project Information
 - Selection of:
 - Grant category
 - Research focus area
 - Title of the proposed project.
 - Description of the proposed work in 300 words or less.
 - Five key words or terms that specifically describe the project.
 - Up to five specific key areas of research expertise of potential reviewers:
Use this section to help identify properly matched reviewers should the PI be invited to submit a full proposal.
3. Potential Reviewer Conflicts: In this section, the PI will have the option to list reviewers who should not be included to review their proposal and explain the reason for the potential conflict. KSEF will consider such requests while deciding the names of experts, but may or may not accept the justification to exclude a specific expert.

IMPORTANT NOTICE: The PI's e-mail address will be used to acknowledge receipt of the letter of intent. The PI's e-mail address will become the PI's permanent ID. A password will be assigned at the time of on-line registration. The PI's e-mail address and password will serve for all future submissions including a full proposal for this RFP should the PI be invited to submit one.

3.22. Invitation to Submit a Proposal

All LOI's received on time will be reviewed for appropriateness and fit with the R & D Excellence Program guidelines. Invitation to submit a proposal, along with the assigned KSEF proposal number, will be sent to the PI's e-mail address listed in the LOI by May 22, 2007 the latest. A response, either positive or negative, will be given for each LOI received. If the PI does not receive a response by this date, contact Maria Labreuveux at mlabreuveux@kstc.com or (859)255-3613 ext. 251. No proposals will be accepted without the prior submission of an LOI and prior invitation from KSEF to submit.

3.23. Full Proposal

Each applicant who has been invited to submit a proposal, must submit a proposal via an on-line application submission form available at <http://ksef.kstc.com> no later than 4:00 p.m. ET, June 14, 2007. The PI will use its e-mail address and the password assigned at the time of registration to submit the full proposal.

NOTICE: A printable PDF file will be generated by the online application. Print a hard copy of the Cover Page and Budget Sheet. The PI is responsible for submitting an ORIGINAL COPY of the Cover Page and Budget Sheet signed in ink and dated by the appropriate parties, including the PI and an authorized official of the applying institution designated to bind the applicant to the budget and the RFP provisions. These original

signed pages must be submitted by mail or hand delivered to KSEF within two working days of the deadline (June 14, 2007 at 4:00 p.m. ET). Faxed or electronically transmitted copies will not be accepted.

3.3 Where to Submit

Send **ONLY** the original copies of the signed cover page and budget sheet identified with the appropriate KSEF reference number to:

Attn: Maria Labreveux
Kentucky Science and Engineering Foundation
200 West Vine Street, Suite #420
Lexington, KY 40507
859.255.3613 ext. 251

A printed hard copy of the full proposal will not be accepted. The PI's full proposal will be received through the on-line submission and will be sent for review.

3.4 Program Contact

Applicants may contact the following individual with any questions regarding the program or the application process:

Dr .Maria Labreveux, Program Manager
Kentucky Science and Engineering Foundation
mlabreveux@kstc.com
859.255.3613 ext. 251

3.5 Acknowledgement of Receipt

Each full proposal will be catalogued within two weeks of the deadline for receipt of the proposals and signed pages, and an e-mail will be sent acknowledging receipt. If a proposal acknowledgement is not received by July 2, 2007, applicants are encouraged to contact KSEF via e-mail (mlabreveux@kstc.com) providing the assigned proposal KSEF number, name of the applicant, organization, proposal title and the date of on-line submission.

The KSEF proposal number should be used in all future inquiries whether in writing or electronic communication.

3.6 Late Submissions

Kentucky Science and Engineering Foundation must receive the electronically submitted proposal no later than 4:00 p.m. ET, June 14, 2007. Each proposal submission will be time-stamped electronically. Timely submission is the sole responsibility of the applicant. KSEF/KSTC is not liable for disqualification of proposals due to late submission.

4. Proposal Preparation and Submission

An on-line application has been designed to submit the new rounds of KSEF R&D Excellence awards. The link to this application will be made accessible, per invitation only, on May 22, 2007 at 4:00 PM ET. Invitations are based on the prior submission of an accepted LOI.

4.1 Proposal Content

The proposal should present the objectives and scientific or technological significance of the proposed work, suitability of the methods to be employed, qualifications of the investigators and the grantee organization, effect of the activity on the infrastructure of science and engineering, and amount of funding required. It should present the merits of the proposed project clearly and should be prepared with the care and thoroughness of a paper submitted for publication. The information provided should be sufficient for external reviewers to evaluate the proposal on its merit.

4.2 Proprietary or Privileged Information

No patentable ideas, trade secrets, privileged or confidential commercial or financial information should be included in the proposal unless it is necessary to convey an understanding of the proposed project. The information so included should be clearly marked in the proposal. Clearly mark sections in the proposal with the on-line tools provided to highlight areas consider proprietary or privileged information. Review the final document and verify that the sections intended to be protected are evidently marked.

“The proprietary or confidential information will not be released to persons outside the Kentucky Science and Engineering Foundation and Kentucky Science and Technology Corporation, except for purposes of proposal review and evaluation.”

The PI should also make sure to check YES on the “Proprietary and Privileged Information” question found on the Project Information section of the on-line application. KSEF/KSTC will make every reasonable effort to prevent unauthorized access to such material. KSEF/KSTC will disclose the proposal to assigned external reviewers for evaluation and to KSEF/KSTC staff for administrative review. KSEF/KSTC is not responsible or liable for the unauthorized release of such material by another party.

4.3 Sections of the Proposal

A printable file will be generated as the last step during the online submission process. This file will contain the sections described below and will be available for the PI’s review prior to final submission.

4.31 Proposal Coversheet

The proposal file generated will have a Cover Sheet where the PI’s and Co-PIs names and contact information will be summarized. In addition, the Proposal Coversheet will

reflect the grant category, research focus area and target area (if applicable) for which the PI is applying. The title of the proposal, which should be brief and provide a technical understanding of the proposed work, along with requested budget amount and proposed duration, will also be reflected. The budget amount and duration of the proposal for RDE-010 will not exceed \$20,000 and one year, respectively. No particular advantage is given to budgets under or above this figure.

The name and contact information of the official authorized to commit the organization in business, financial and legal affairs will also be given on in the Cover Sheet. An original signature of the authorized official is required.

If any of the information on the coversheet or the title or project summary has changed from that entered on the LOI, the PI will have the opportunity to submit changes with some restrictions at the time of full proposal submission. However, the proposal should represent the idea proposed in the LOI. The proposal may be disqualified from consideration if it is found to be focused on different subject matter than originally proposed in the LOI.

4.32 Proposal Budget

A writable budget form can be directly downloaded from the KSEF website (<http://ksef.kstc.com>) or from the link on the on-line application during the online submission of the proposal. This form is necessary for the preparation of the proposal, and it will have to be signed by the PI and the authorized representative of the PI's institution before submitting it to KSEF within two working days of the full proposal submission deadline.

The proposal budget should be presented in two formats: (1) numerically, using the appropriate number of sheets of the Budget Sheet Form provided online and (2) in narrative within the proposal with explanation and justification of the proposed amounts. Once the PI has completed these pages, the PI will be able to upload them using the upload function of the on-line application submission process.

A. Budget Sheet Forms

Only one budget page needs to be prepared for each proposal.

B. Budget Narrative

The Budget Narrative should explain and justify the requested amounts in the following areas:

Personnel Costs – KSEF funds cannot be used to pay either PI or Co-PI salaries. For other personnel on the project, itemize to show the individual name, position title, estimated percent time commitment, and total cost for each category and for all personnel needs.

Fringe Benefits – Indicate the rate and show total cost.

Supplies and Materials – Itemize costs for chemicals, supplies, and other specific items which may appear to be out of the ordinary.

Travel Costs – In general, travel will not be allowed unless it is necessary to complete the proposed work. When justified, cost only for a domestic travel will be allowed. A small travel budget should be included to travel to Lexington or Louisville to attend the Annual Kentucky Innovation and Enterprise Conference organized by KSTC.

External Services – Itemize and justify any external services or contractual agreements.

Publication Cost – Publication costs will be allowed.

Indirect Cost – Indirect costs may be included but will be limited to no more than 10 (ten) percent of the direct costs excluding the travel, tuition and external contract costs.

Ineligible Direct Costs – Direct costs for application preparation, equipment purchase including computers and software programs*, and business entertainment are not chargeable to the KSEF grant. *Any device with a life of more than two years that costs \$1,000 or more and is inventoried will be considered equipment for the purpose of this RFP.

C. Budget Considerations

The following factors should be taken into consideration when preparing the Budget:

Budget Appropriateness – The award budget will be reduced significantly if it is not in proportion to the proposed work.

Billing and Payment – The Awardee will submit to KSEF an invoice every six months for reimbursement of expenses incurred in the preceding six months. The invoice will be reviewed and processed for payment within 30 days unless some additional information has been requested. No advance payment will be made in any case.

Budget Redirection – More than 10 (ten) percent of funds will not be allowed to be moved from one budget line item to another, even if within budget, without written justification and prior written approval of KSEF. KSEF reserves the right to decline such a request

Incurring Costs – Neither the Commonwealth of Kentucky nor KSTC/KSEF is liable for any cost incurred by the Awardee prior to signing the formal award agreement.

4.33 Project Summary

A non-confidential project summary, not exceeding one page (300 words), must be provided. The summary should provide rationale, vision, distinguishing features, statement of objectives and proposed activities to enable innovation. It should also provide methods to be employed and the impact of the proposed activity on the advancement of knowledge, development of a new product, or resolution of a problem. The proposal summary is likely to be published if the proposal is funded.

4.34 Technical Narrative

The Technical Narrative section will include a clear statement of work including objectives, expected significance, relation to PI's longer-term goals, present state of knowledge in the field and current work in PI's laboratory under other support. The narrative description should not only indicate the general plan of work to be done but also include an adequate description of experimental methods and procedures that indicate how it will be done. The plan should also indicate the persons performing specific project tasks and collaborations, if any, with other faculty members or other institutions. Any collaboration should be documented with a letter from the collaborator. These letters should be uploaded as attachments for submission with the on-line application.

The narrative should describe how the proposed project will add value or make an impact on the advancement of knowledge, and if this effort will stimulate and foster economic activity. A Gantt chart is required to provide a clear understanding of the work schedule relative to different tasks; consider your grant start month as October 2007. The technical review and the experimental methods and procedures should be supported with appropriate literature citations.

Note: The on-line application will have some of these fields (e.g. objectives and specific aims, expected significance, present state of knowledge in the field and current work in PI's lab available) to be completed as separate sub-sections within the Technical Narrative section. Additionally, a separate function will be provided to generate the Gantt chart.

4.35 Current and Pending Support

The PI's and CO-PI's current active grants and pending applications must be listed. Information required will include the name of the PI on the grant, project title, proposed or funded amounts, project period and funding source (agency). The time/effort commitment of the PI and senior personnel on each project, including the proposed project, must be included.

4.36 Facilities and Equipment

The conduct of advanced research may require the use of sophisticated instrumentation or computer facilities. The PI should provide a detailed description of the availability and location of the facilities and accessibility to the equipment necessary to carry out the proposed work. The detail should be sufficient to enable reviewers to evaluate and score it appropriately.

4.37 Biographical Sketches

Identify key personnel and provide biographical sketches of PI and Co-PI limiting to one page each that includes education, experience and list of relevant publications.

4.38 Partner Commitment

If external services including consultants are required, documentary evidence showing their commitment, including the estimated cost, should be provided. Any letters can be uploaded as attachments to the final proposal for on-line submission.

4.4 Format and Organization of the Proposal

The on-line application will automatically format and organize the PI's proposal for final submission, limiting the length of certain sections, including font size, spacing and number of characters used. The maximum proposal length, including items below, is 22 pages; less than 22 pages is acceptable. The estimated length of each section has been provided below for the PI's reference.

Proposal Coversheet (1 page)
Proposal Budget Sheet (1-3 pages)
Budget Narrative (1 page)
Project Summary (1 page)
Table of Contents (1 page)
Technical Narrative – including literature citation (9 pages)
Gantt Chart (1 page)
Biosketches of PIs and Co-PIs (1-3 pages)
Current and Pending Support (1/2 page)
Facilities and Equipment (1/2 page)
All Other Enclosures (1 page)

No copies of manuscripts or publications should be uploaded.

4.5 Economy of Preparation

Each proposal should be prepared simply and economically, providing a concise description of the applicant's ability to meet the requirements of the RFP. Emphasis should be on completeness and clarity of content.

5. Award Selection and Administration Information

5.1 Review and Funding Schedule

Action	Target Date
Announce Request for Proposals	April 27, 2007
Receive Letters of Intent	May 11, 2007
Invitation to Submit Proposal	May 22, 2007
Receive Full Proposals	June 14, 2007
Notification of Awards	September / October 2007*
Award Start Date	October 1, 2007*

* The award notification and start date may be changed due to delays in the review and approval process.

5.2 Selection Criteria

The PI should consider and address the relative importance being placed on criteria relating to both the technical/intellectual research merit and broader impacts on the economy and society. The following factors, as applicable, will be considered in determining project priority:

Relevance to State's Priority Research Areas – Projects demonstrating the greatest relevance to the current priority research areas of the Commonwealth of Kentucky will receive the greatest consideration.

Kentucky Focus – Projects having a focus on issues of relevance to the Commonwealth of Kentucky will receive priority consideration.

Soundness of Scientific Principles – Soundness of approach and experimental design will be a primary consideration.

New Innovation Opportunity – The degree to which the proposed project will foster and sustain innovation and the potential impact it may have on the economic and/or societal well-being will be a major consideration.

Education and Dissemination – The outcome of the project should broadly impact the greater public and enable their understanding of the problem. The information should reach not only the scientific community, but also policy makers and stakeholder groups.

Project Success – Probability of success of the proposed project will be considered. Depending on the nature of the project, it should result in greater understanding of the problem or result in the ultimate resolution of an identified problem.

Appropriate Budget – The proposed budget, given the level of effort proposed, should be shown to be appropriate. Proposed costs must be reasonable in light of the anticipated project benefits.

Performance Capability – The prior experience and the resources of the applicant should be shown to be sufficient to ensure their capability to perform the work being proposed.

Appropriate Fit and Lack of Duplication – The applicant should show originality of idea and how the proposed project complements, as appropriate, the previous, ongoing or other planned efforts. KSEF funds should not be used to support a project currently funded through another source of state funds.

Matching Funds – No matching funds, cash or in-kind, are required or requested for projects funded under the R & D Excellence Program.

5.3 Proposal Evaluation

In meeting its statutory responsibilities, KSEF seeks to support the most meritorious research. Peer reviews play a key role in the evaluation of research proposals. Reviewers will be required to provide both written comments, and a numerical and

descriptive summary rating by employing the criteria provided in section 5.31 and 5.32. The identity of reviewers and the numerical summary ratings of the proposals will be kept confidential.

Additionally, KSEF reserves the right to reject any and all proposals in whole or in part, and waive any informality or technical defects if the best interest of the Commonwealth will be so served. In determination of awards the qualification of the applicant, quality of the research as judged by peer reviewers, distribution of the research focus area and conformity with this RFP will be considered.

5.31 Criteria for Evaluation

Rationale – The degree to which the proposal addresses an important issue, problem or opportunity in development and use of its results (20 Points).

Scientific or Professional Merit – The degree to which the activity will advance the state of science or discipline through use and extension of state-of-the-art methods (35 Points).

Innovativeness – The degree to which new approaches will be employed for solving problems and exploiting opportunities in resource management or development, or in public outreach, on such issues; alternatively, the degree to which the activity will focus on new types of important or potentially important issues (25 Points).

Qualifications and Past Record of Investigators – The degree to which investigators are qualified by education, training and/or experience to execute the proposed activity; record of achievement with previous finding (15 Points).

Facilities and Equipment – The degree to which the investigators have adequate facilities and equipment to conduct the proposed research (5 points).

5.32 Summary Ratings

Excellent – Probably will fall among top 10 (ten)percent of proposals in the area of research; high priority for support.

Very Good – Probably will fall among top third of proposals in the area of research; should be supported.

Good – Probably will fall among middle third of proposals in the area of research; worthy of support.

Fair – Probably will fall among lowest third of proposals in the area of research.

Poor – Proposal has serious deficiencies; should not be supported.

5.4 Notification of the Award

It is the intention of KSEF to make notification of the award to the PI and the organization in October, 2007 or earlier. However, the award date may be changed

without notice due to an unexpected delay in the review and approval process. PIs whose proposals are declined will be advised as promptly as possible. Verbatim copies of confidential review comments, excluding the identity of the reviewer and their numerical scores, will be provided to the PIs. Requests for copies of any other preliminary paperwork used in the decision making process will not be accepted.

5.5 Award Conditions

A grant/award agreement will include, among other items, the proposal reference number, amount of the award, duration, and any other conditions including the methods of billing, reimbursement and reporting. A copy of the approved budget also will be included, which may be different than the requested budget. If satisfactory progress is not made on the funded project, continuation of the award may be suspended until the issues are resolved by the applicant. An award may be canceled if no progress is made or if the work conducted is different than the proposed work. No deviation in the work plan may be made without the explicit prior written approval of KSEF.

5.6 Awardee Responsibilities

5.61 Acceptance of Proposal Content

The contents of this RFP, the applicant's proposal and all other appropriate clauses required under State guidelines will become part of the contractual obligations if a grant ensues. Failure of the successful applicant to accept all obligations may result in cancellation of the award.

5.62 Fulfillment of the Project Personnel

The Awardee will be required to secure professionally qualified personnel and/or subcontractors necessary to perform the work approved in the award. KSEF reserves the right to review the qualifications of key personnel assigned by the Awardee to the project to assure that this condition of the award is met.

5.63 Presentation requirements

Awardees will be required to make an oral/poster presentation of their research finding at the Annual Innovation and Enterprise Conference hosted by KSEF. Expenses related to travel and registration are the responsibility of the awardee. The expenses may be paid for with KSEF funds under the travel portion of the budget.

5.64 Reporting Requirements

KSEF has three types of technical reporting requirements, depending on the category and period of the grant award. Templates and instructions for these reports can be viewed and downloaded at <http://ksef.kstc.com>. See the following page for a summary of the report requirements:

	Report Type	Purpose	Required	Names
1	Semi-Annual Technical Status Report (2 page limit)	To track adherence to proposed timeline for the project & to report key achievements and causes of delay	At 6 month intervals	For 1st Year S1
2	Final Technical Report	To report the findings of the study & related achievements	At the end of the award period, for all awardees	Final
3	Post Award Report	To track the award's impact on Kentucky's Economy	Annually, for 5 years following the end of the award period	P1 P2 P3 P4 P5

Electronic Semi-Annual Technical Status Reports and Final Technical Report are required on or before the deadlines as outlined each award's Grant Agreement. An extra 30 days following the end of the award period is allotted for submission of the Final Report. Semi-annual and Final invoice payments are subject to submission and acceptance of each respective report.

Post-award follow-up reports shall be submitted annually for five years after submission of the Final Technical Report, to gather information on the award's impact.

5.66 Publication and Presentation Acknowledgement

PIs and Co-PIs will acknowledge in their manuscripts, reports and presentations, the financial support received from the Commonwealth of Kentucky through KSEF, an initiative of KSTC using the language provided in the Grant Agreement.

6. Future Requests for Proposal

Applicants should go to the KSTC website (www.kstc.com) or the KSEF website (<http://ksef.kstc.com>) for other RFP announcements.



KENTUCKY SCIENCE &
ENGINEERING FOUNDATION



KSEF R&D Excellence Award

Online Application - Tutorial



Log-in Page

- To begin your application you will need:
 - Your KSEF ID (your e-mail address)
 - Your KSEF password
- Go to: <http://applications.kstc.com> and login.



Before you Start

- Review carefully the **RFP for guidelines** on page limits, allowable expenses, and review criteria, etc.
- Review this on-line application for the specified **sections required** for the proposal, particularly the technical narrative.
- Prepare your proposal on a **word processor** (e.g. MS Word)
- Save **Figures as Images**:
 - You may save Excel figures as images by saving your graph as “Web Page (Use “Save as Web Page...” option from “File” on the Menu bar).
 - You will have to individually save each chart (not as “Entire workbook” but as “Selection: sheet”).
 - Three files will be generated (*.GIF, *.XML, and *.HTM). The XML and GIF file will be saved to a folder in your specified location; the HTM file will be saved outside this folder (the folder is automatically generated by the software).
 - You may now upload the chart as an image with the image handler.
 - Note: Deleting the HTM file automatically deletes the folder and its contents as well.
- Our application has worked best with Internet Explorer. Nevertheless, you may use other browsers.

Log-in Information Required



The screenshot shows a web form titled "Log In". It contains two input fields: "Email:" and "Password:", each followed by a red asterisk indicating a required field. Below the password field is a "Log In" button. Underneath the button is the word "Or" followed by a blue hyperlink that says "Create a New User Account". At the bottom of the form is the KSTC logo, which includes the text "KSTC", "KENTUCKY SCIENCE & TECHNOLOGY CORPORATION", and "KSEF Applications".

Enter your "registered" e-mail address & your password.

- **DO NOT** create a new account at this time, or you will not be able to access your invited LOI.

IF you forgot your password, you may:


1. Find it on the confirmation e-mail you received the first time you logged-in to file an LOI.
2. Request it again by using the link on this page.






Choose your application...

KSEF Application Manager

[Logout](#)

Select an application to edit from the list below by clicking on the  icon or double-clicking the row.

	Proposal #	Organization	LOI Status	Started	Completed
	KSEF-001-Test-01		Completed		
	KSEF-001-Test-01	The Pennsylvania State University			
	KSEF-001-Test-01	Universite de la Rochelle			

Double-click to choose the desired application.



KSEF Applications

- All your applications will be listed on this page.
- In the future, your prior applications and reporting efforts will also be listed.
- Information on the status of your applications will be also accessible.



To begin, click on a Tab...

Search View: KSEF-001-Test-01

Start

- 1. PI Information
- 2. Project Information
- 3. CO-PI Information
- 4. Grant Management
- 5. Budget Files
- 6. Budget Narrative
- 7. Technical Narrative
- 8. Facilities & Procedures
- 9. Current/Pending Support
- 10. Bio Sketches
- 11. Deliverables/Gannt
- 12. Files & Attachments
- 13. Review & Submit

Start

<<< To begin editing this application, select one of the application sections on the left.

...alternatively,
click NEXT to go to
the next Section on
the list

< Back Next >

Application Type



PI Information...

Search View: KSEF-001-Test-01

PI Information

1. PI Information
2. Project Information
3. CO-PI Information
4. Grant Management
5. Budget Files
6. Budget Narrative
7. Technical Narrative
8. Facilities & Procedures
9. Current/Pending Support
10. Bio Sketches
11. Deliverables/Gantt
12. Files & Attachments
13. Review & Submit

PI Name: (first, last)
Title:
Department:
Organization:
Org Type:
☐ University ☐ Non-Profit Organization ☐ Minority Business
☐ Private College ☐ For Profit Organization ☐ Woman-Owned Business
☐ Community College ☐ Small Business
Work Phone: **Mobile:** **Fax:**
Email:
Website:
Mailing Address:

Demographic Information:
Gender:
Ethnicity:
If Other:

< Back Next > Application Type Save

- Most of this information will auto-populate from your LOI application.
- Review and complete

Always, scroll down to check for additional fields

Save, before moving to the next section

Project Information...



Project Information

1. PI Information
2. Project Information
3. CO-PI Information
4. Grant Management
5. Budget Files
6. Budget Narrative
7. Technical Narrative
8. Facilities & Equipment
9. Current/Pending Support
10. Bio Sketches
11. Gantt Chart
12. Files & Attachments
13. Review & Submit

Focus Area:

Proposal Category:

Project Title:

Total Amount Requested:

Project Duration

Does this application contain proprietary information?

☐ Yes
☒ No

Is this proposal a resubmission from a prior, not-funded KSEF Application?

☐ Yes
☒ No

If yes, enter the corresponding proposal # from your prior submission:

KSEF- -RDE-

Is this proposal being submitted to another agency?

☐ Yes
☒ No

< Back Next >

1456 Application

Save Changes

• Most of this information will auto-populate from your LOI application.

• Max requested = \$20,000

• Max duration = 12 mo

• If you check **YES**, mark the section of your proposal as **CONFIDENTIAL** using our “special inserts” tool.

Scroll down to reach the **ABSTRACT**

Project Information cont...



Project Information

Home Logout Help

1. PI Information

2. Project Information

3. CO-PI Information

4. Grant Management

5. Budget Files

6. Budget Narrative

7. Technical Narrative

8. Facilities & Equipment

9. Current/Pending Support

10. Bio Sketches

11. Gantt Chart

12. Files & Attachments

13. Review & Submit

Abstract

Use the Special Inserts tool to insert an editable red box that will highlight the confidential information.

Proposal Keywords

Add new keyword Refresh

No records to display.

Reviewer Areas of Expertise

Add new expertise Refresh

No records to display.

< Back Next >

1456 Application

Save Changes

- The abstract will auto-populate from your LOI application.

- Choose Keywords and Areas of expertise carefully. These will be used to match reviewers

- Choose words or phrases that will effectively narrow the search to researchers within the topic of the proposal.

Use the "toggle" button for a full screen view

Save, before moving to the next section

Word Processor Capabilities



Technical Narrative

Add simple tables, symbols, include a confidentiality box, upload images, and most of the common MS word features

- With this processor, **YOU CAN:**
 - Type directly into the screens
 - Cut & Paste from word or other word processor
 - Cut & Paste from a web source
 - Upload most types of images
- **YOU CANNOT:**
 - Cut & Paste an image and figures from a document in your hard-drive. Figures and Graphs may need to be up-loaded as separate PDF files.

Use the "toggle" button for a full screen view



Co-PI Information

Click on this link to Add New Co-PI.

CO-PI Information

[Add New CO-PI](#)

[Refresh](#)

First Name	Last Name	Title
No records to display.		

CO-PI Information

COPI Name: (first, last)
Title: **Department:**
Organization:
Work Phone: **Mobile:** **Fax:**
Email:

Physical Mailing Address: **Demographic Information:**

Gender:
 Ethnicity:
 If Other:

No records to display.



You must **SAVE** or cancel each individual entry before leaving the screen.

1456 Application

Grant Management



Grant Management

1. PI Information

2. Project Information

3. CO-PI Information

4. Grant Management

5. Budget Files

6. Budget Narrative

7. Technical Narrative

8. Facilities & Equipment

9. Current/Pending Support

10. Bio Sketches

11. Gantt Chart

12. Files & Attachments

13. Review & Submit

Organization

(to which the award should be made)

Contact Person:

(first, last)

Title:

Office:

Work Phone:

Mobile:

Fax:

Email:

Mailing Address:

< Back

Next >

1456 Application

Save Changes

Enter the information of the authorized official in your institution that will sign the cover sheet and budget sheets (e.g. The Director of the Office of Sponsored Research).

Save, before moving to the next section



Budget Sheets

Budget Narrative

- 1. PI Information
- 2. Project Information
- 3. CO-PI Information
- 4. Grant Management
- 5. Budget Sheet
- 6. Budget Narrative
- 7. Technical Narrative
- 8. Facilities & Collaborations
- 9. Current/Pending Support
- 10. Bio Sketches
- 11. Gantt Chart
- 12. Files & Attachments
- 13. Review & Submit

Year 1

	A	B	C	D	E	F	G	H	I
1	PROPOSAL BUDGET SHEET								
2									
3									
4	PRINCIPAL INVESTIGATOR:						KSEF #:		
5	ORGANIZATION: .								
6							Total Number:		
7	A. SENIOR PERSONNEL: PI, Co-PIs, Faculty, other Senior Associates (List each separately with title in the Budget Narrative)						KSEF Funds Not Allowed		
8	B. OTHER PERSONNEL (List each separately with title in the Budget Narrative)						Number:		KSEF Funds Requested
9	1. Post Doctoral Associates:								
10	2. Other Professionals:								
11	3. Graduate Students								
12	4. Undergraduate Students								
13	5. Other								
14	6. Total number of Personnel:						0		
15	7. Total Personnel Salaries and Wages:								\$0
16	8. Total Personnel Fringe Benefits:								
17	C. TOTAL SALARIES, WAGES AND FRINGE BENEFITS (B7+B8):								\$0
18	D. TRAVEL (Domestic Only)								

- Enter information directly onto the spreadsheet provided.

- The page will auto-calculate once you click "Save Changes"

- **Indirect Costs:** If needed, you can enter a lesser proportion than 0.10 (10%), but you must enter a proportion (e.g. 0.08 instead of 8%).

- **YOU MUST** print this page obtain the signature of your Organization Rep. & mail originals to KSEF. (See RFP)

< Back

Next >

1456 Application

Save Changes

Budget Narrative



Switch across tabs to enter information on the appropriate fields

Budget Narrative

1. PI Information
2. Project Information
3. CO-PI Information
4. Grant Management
5. Budget Sheet
6. Budget Narrative
7. Technical Narrative
8. Facilities & Collaborations
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13. Review & Submit

From the Budget worksheets, please provide the following narratives. We need to know who is doing what, what the money is needed for, and how it will be spent.

Personnel **Fringe Benefits** **Travel** **Material & Supplies** **Other Direct**

Travel:
In general, travel will not be allowed unless it is necessary to complete the proposed work. When justified, cost only for a domestic travel will be allowed. A small travel budget should be included to travel to Lexington or Louisville to attend the Annual Kentucky Innovation and Enterprise Conference organized by KSTC.

Special Inserts

< Back Next >

1456 Application

Save Changes

Special Inserts tool will insert a text box to clearly highlight proprietary or sensitive information

If convenient, you may add a table

- A description of what's allowable and not will be give at the top of the page.

Save, before moving to the next section

Technical Narrative



Switch across tabs to enter information on the appropriate fields

Technical Narrative

Intro

Objectives

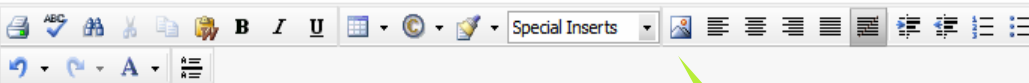
PI Current Work

Research Approach

References

Introduction and Expected significance of the work.

Enter information concerning the problem you are proposing to research, it's significance, and the present state of knowledge.



Double-Click and Enter Confidential Text Here

- You must CUT & PASTE or directly type the information into this box.

Special Inserts tool will insert a text box to clearly highlight proprietary or sensitive information

- You can click on the red margin and drag or delete the text box, if necessary.

< Back

Next >

Application Type

Save Changes

Save, before moving to the next section



Handling Images

•Click on the Image Manager icon to upload an image.

•Use the upload function & browse for the image on your hard-drive

•Use the Browse Files tab to view and insert uploaded images

Objectives/Specific Aims

Expected Significance

Present State

Long Term Goals

Objectives or Specific Aims:

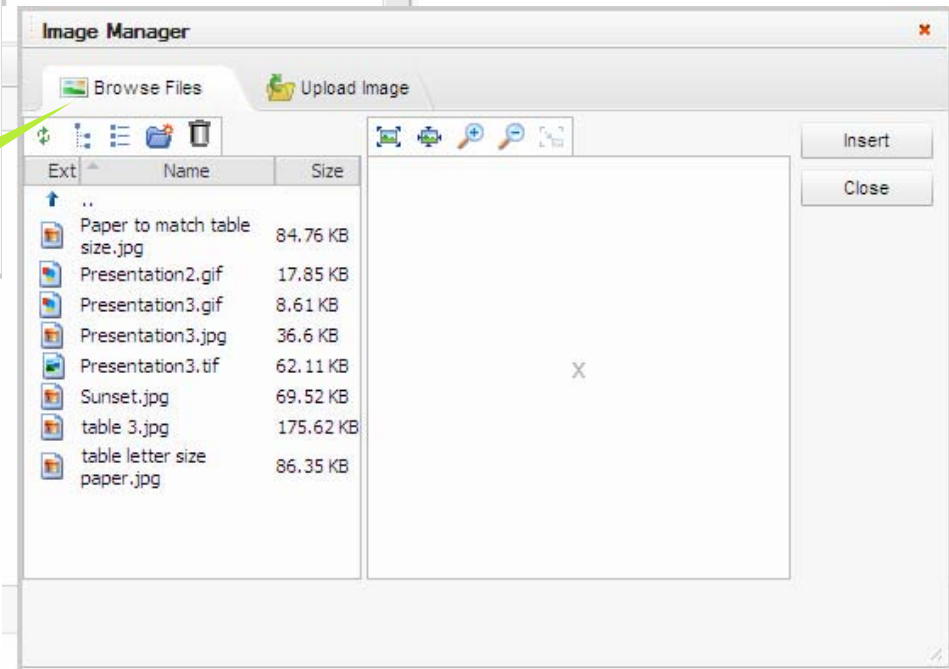
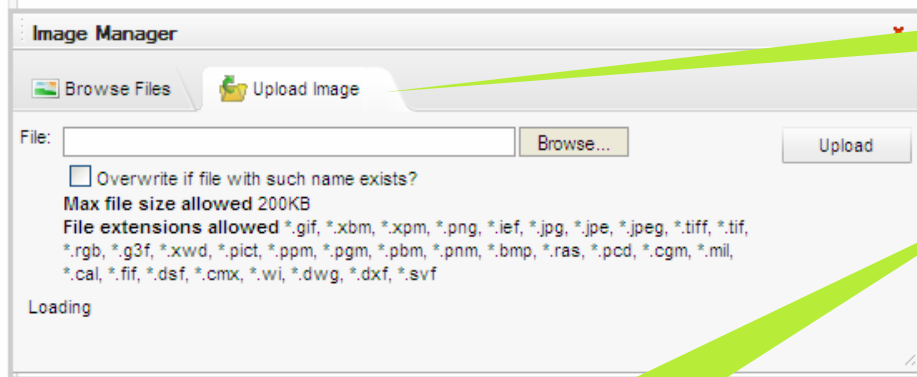
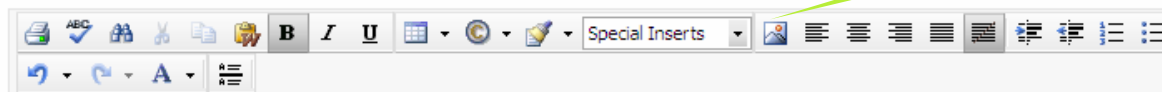


Image Editing ...



- Use the “enter” on your keyboard to allow space for text above the image

Objectives/Specific Aims Expected Significance Present State Long Term Goals

Objectives or Specific Aims:

Set Image Properties
Image Map Editor

Image Properties

Border Width:

Border Color:

Image Alt Text:

Long Description:

Image Alignment:

Image Src:

Horizontal Spacing:

Vertical Spacing:

Width:

Height:

☐ Constrain

- Right-click on an image to access the Image Properties handler

- The maximum width allowed is 680 pixels and no limit on the height,
- However, review your final submission for potential page breaks.

Facilities & Collaborations



Facilities & Collaborations

Equipment/Facilities Persons Involved/Collaborations

Equipment and Facilities Available

Use "toggle" button for a full screen view

Save, before moving to the next section

Save Changes

Switch across tabs to enter information on the appropriate fields

1. PI Information
2. Project Information
3. CO-PI Information
4. Grant Management
5. Budget Sheet
6. Budget Narrative
7. Technical Narrative
8. Facilities & Procedures
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12. Files & Attachments
13. Review & Submit

ABC, Cut, Copy, Paste, Bold, Italic, Underline, Special Inserts, Toggle Full Screen

Current & Pending Support



Current/Pending Support

Click on this link to add an entry

The PI and CO-PI's current active grants and pending applications must be listed. The list must include the name of the PI's, project title, proposed or funded amounts, project period and funding source. The time commitment for PIs and senior personnel on each project including the proposed project must be included.

Add New Current/Pending Support

First Name	Last Name	Project Title
------------	-----------	---------------

Name: (first, last)

Project Title:

Funding Agency:

Funds Requested:

Funds Awarded:

Time Commitment: %

Project Period: to

You must **SAVE** or cancel each individual entry before leaving the screen.

Repeat steps to add new entries

- Enter grants & awards the PI/Co-PI has received or has applied for.
- Time Commitment refers to the % of his/her FTE dedicated to that particular project.

Biosketches



Bio Sketches

1. PI Information
2. Project Information
3. CO-PI Information
4. Grant Management
5. Budget Sheet
6. Budget Narrative
7. Technical Narrative
8. Facilities & Equipment
9. Current/Pending Support
10. Bio Sketches
11. Gantt Chart
12. Files & Attachments
13. Review & Submit

Add New Bio

First Name	Last Name	Degree

Name: (first, last)
Degree:
Biography:

< Back Next >

1456 Application

Click on this link to add an entry

You must **SAVE** or cancel each individual entry before leaving the screen.

Repeat steps to add new entries

- Follow guidelines provided by NSF (National Science Foundation).
- Do not exceed 1 page
- Enter a Biosketch for PI and Co-PIs.

Gantt Chart



1. PI Information

2. Project Information

3. CO-PI Information

4. Grant Management

5. Budget Sheet

6. Budget Narrative

7. Technical Narrative

8. Facilities & Collaborations

9. Current/Pending Support

10. Bio Sketches

11. Gantt Chart

12. Files & Attachments

13. Review & Submit

Deliverables/Gantt Chart

Add New Task

Tasks

	Develop On-line application	Month 1	Month 4	
	Call for Proposals, Receive and Review	Month 3	Month 6	

Deliverables

Add New Deliverable

Deliverable

Completion Period

	Award	Month 7	
--	-------	---------	--

Gantt Chart

	Time Period											
	1	2	3	4	5	6	7	8	9	10	11	12
Tasks												
Develop On-line application												
Call for Proposals, Receive and Review												
Deliverables												
Award												

< Back

Next >

1455 Application

Click on this link to add a new Task or a new Deliverable. These entries will automatically generate your Gantt Chart

You add one task or deliverable at a time.

You may have more than 1 task to produce 1 deliverable.

Gantt Chart cont...



Deliverables/Gantt Chart

- 1. PI Information
- 2. Project Information
- 3. CO-PI Information
- 4. Grant Management
- 5. Budget Sheet
- 6. Budget Narrative
- 7. Technical Narrative
- 8. Facilities & Equipment
- 9. Current/Pending Support
- 10. Bio Sketches
- 11. Gantt Chart
- 12. Files & Attachments

Tasks:

Task:

Time Period:

to

Save

Cancel

Type a description of the task and select a start and end date.

- Notice there are no calendars. Month 1 will be the Start Date on your award agreement.

1 Deliverables:

Deliverable:

Completion time:

Save

Cancel

Enter the Deliverable name and select the "delivery" time.

Repeat steps as needed

You must **SAVE** or cancel each individual entry before leaving the screen.



Files & Attachments

The screenshot shows a web form titled 'Files / Attachments'. On the left is a sidebar menu with items 1 through 13, where '12. Files & Attachments' is selected. The main form area contains the following fields and buttons:

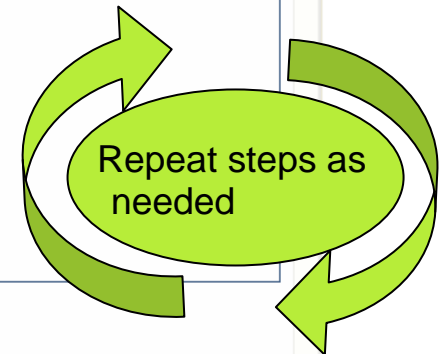
- Attachment Title:** A text input field with a callout: 'Type a title and description of the attachment.'
- Description:** A larger text area with a callout: 'Type a title and description of the attachment.'
- FileName:** A text input field followed by a 'Select' button, with a callout: 'Select the file from your hard-drive.'
- Buttons:** 'Save' and 'Cancel' buttons at the bottom left, with a callout: 'SAVE or cancel each entry'.

At the bottom of the form are '< Back' and 'Next >' buttons.

• **ONLY attach PDF files.**

Upload files in the order they were referenced in the text.

Use REPLACE instead of deleting an existing file that needs to be updated.



• Note: Limit the number of attachments to a minimum. Reviewers prefer complete but shorter proposals.

Review and Submit



Download and Print your file
before submitting

When you are ready,
submit and finalize.

Review / Submit

If you have completed your application and wish to finalize it, click here
Note: once you finalize this application, it will not be available for further editing.

Finalize & Submit

Find

KENTUCKY SCIENCE & ENGINEERING FOUNDATION		R&D Excellence Proposal Cover Sheet	
Program Announcement RFP No.		Closing Date	KSEF Proposal #
KSEF-07-RDE-010		June 14, 2007 4:00 PM ET	KSEF-001-Test-01
Date Received	Proposal Category	Focus Area or Specific Target Area	
5/18/2007 6:02 PM			
Title of Proposed Project:		Total Amount Requested:	
Proposed Duration:			
Is this proposal a resubmission from a prior, not-funded KSEF Application? No			
Is this proposal being submitted to another agency? No			
Does this application contain proprietary information? No			
Contact Info	PI	CO-PI	CO-PI:
Name	Maria Labreveau		
Department	Geography		
Organization	The Pennsylvania State University		
Address 1	200 West Vine Street		
Address 2	Suite 420		
City,State,Zip	Lexington KY,40507		

- You will need Adobe Acrobat Reader.

- You will have time until June 14th, 2007 at 4 PM ET to submit your application.

- Before this time, you can access and edit your application as often as needed.

- Take your time to deliver the best application possible.

From: Kentucky Science and Technology Corporation [mailto:kstc@kstc.com]
Sent: Friday, July 14, 2006 3:18 PM
To: Mahendra Jain
Subject: Nanotechnology Conference and Trade Expo

Kentucky Science and Technology Corporation
859-233-3502
kstc@kstc.com

The *nanoTX'06*, a world scale nanotechnology conference and trade expo will be held at the Dallas Convention Center during International Nanotechnology Week in late September, (<http://www.nanotx.biz>). The event will be held on September 27-28, 2006. The premier feature of this event is the Nobel Laureates *Legends Reception* where six Nobel Prize winners in various related fields will openly discuss their work and the future of nanotechnology.

Please visit the website <http://www.nanotx.biz> for additional information on registration and program. About 1000 or more exhibitors, 50,000 attendees from over 30 different countries are expected. PBS will be filming the event for television.

Interested businesses can reserve a booth at the trade show. A booth comes with two tickets to an invitation only Nobel Laureate Legends cocktail reception up until they run out of tickets. Two complimentary conference passes, an eight foot back drape, two three foot side drapes, a draped table, two chairs, one waste basket and a generic sign with your company name on it. There are still some excellent locations open, and location is half the battle.

KSTC
14 July 2006

From: Kentucky Science and Technology Corporation [mailto:kstc@kstc.com]
Sent: Friday, July 14, 2006 5:46 PM
To: Mahendra Jain
Subject: NIH SBIR Commercialization Program -Applications due July 31

Kentucky Science and Technology Corporation
859-233-3502
kstc@kstc.com

NIH Offers Commercialization Assistance Program to SBIR Phase II Awardees

Dear Small Business Research Community,

This message is to make sure that you are aware that the National Institutes of Health (NIH) has announced the opportunity for SBIR Phase II awardees to apply for this year's SBIR Commercialization Assistance Program (CAP). The invitation that was placed in the NIH Guide to Grants and Contracts is available at

<http://grants1.nih.gov/grants/guide/notice-files/NOT-OD-06-081.html> and a detailed program description at <http://www.larta.org/nihcap/NIHCAP-ProgramDescription.pdf>.

The program is in its third year and is designed to help SBIR awardees transition their SBIR-developed products into the marketplace.

Applications are due July 31, 2006.

To entice and encourage you to investigate this opportunity a bit further, here are samples of what previous participants have said about the program:

- "There is no question that we have a better understanding of how to approach the market and how to present our product to potential partners as a result of our participation in the CAP."
- "The program has had a positive impact in that it helped us establish a business plan and allowed us to receive feedback on our product and our positioning with respect to intellectual property and investor interests."
- "The program gave me enough exposure to the business way of thinking and an understanding of what needs to be in a presentation so that I am now acting more like a CEO than a scientist."
- "Although we were very comfortable with our technology and overall potential market, we had been struggling with how best to penetrate the market and what strategies would work best, what potential problems to avoid. Our advisor did an excellent job of guiding us just enough to point us in the right direction. "

- “CAP made it possible for me to visualize the road to commercialization and start traveling it. I would not have made this change without the CAP program.”
- “Going through the NIH-CAP process was a key element in our strategic planning. It enabled us to detail how we could further push our science out into consumer health markets, and how we could raise money to make that happen.”
- “The program forced me to focus on the strategy and tactics, rather than technology innovation, incremental product improvements and the next unit sale.”

General inquiries about the CAP may be addressed to:

Ms. Ketaki Sood
Larta Institute
714 West Olympic Blvd., Ste. 750
Los Angeles, CA 90015
Telephone: (213) 765-4824
Email: ksood@larta.org

Or

Ms. Kay Etzler
NIH SBIR/STTR Program
Office of Extramural Programs
National Institutes of Health
6705 Rockledge Drive, Suite 360
Bethesda, MD 20892
Telephone: (301) 435-2713
FAX: (301) 480-0146
Email: sbir@od.nih.gov

NIH is in the process of converting to SF424 (Research and Related [R&R]) forms and electronic submission through Grants.gov. Information on this plan and on registering for electronic submission is available at <http://grants.nih.gov/grants/guide/notice-files/NOT-OD-05-067.html>. Updates regarding the transition process are at <http://era.nih.gov/ElectronicReceipt/>.

Web Pages of Interest:

· Small Business Research Funding Opportunities (SBIR/STTR Solicitations):

<http://grants.nih.gov/grants/funding/sbir.htm>

· SBIR/STTR Collaboration Opportunities and Research Partnerships:

<http://grants.nih.gov/grants/funding/corp.htm>

KSTC

14 July 2006

From: Kentucky Science and Technology Corporation [mailto:kstc@kstc.com]
Sent: Thursday, July 27, 2006 9:35 AM
To: Casey Barach
Subject: KY Commercialization Fund RFP Announcement

Kentucky Science & Technology Corporation

kstc@kstc.com

www.kstc.com

859.233-3502

Solicitation Announcement for New Funding Opportunities in the Kentucky Commercialization Fund

The Kentucky Science and Technology Corporation (KSTC) announces a new Request for Proposals (**COMM-06-RFP-006**) under the Kentucky Commercialization Fund Program. A total of up to \$750,000 in funding is available for individual awards of up to \$75,000/year. Faculty from universities, private colleges, and other post-secondary institutions are eligible to apply. Please feel free to share this solicitation announcement with others who may be eligible.

To be eligible for an invitation to submit a proposal,

- **Pre-proposals** must be submitted online by **Friday, August 11, 2006, 5:00pm ET**
- Invitations for proposal submission will be sent by **Friday, September 8, 2006, 5:00pm ET.**
- **Invited proposals** must be received in hard copy by **Friday, September. 29, 2006, 5:00pm ET.**

For information on how to apply, see the announcement for ***NEW* Funding Opportunity** on our website at <http://ksef.kstc.com> or call 859.255.3613.

27 July 2006

KSTC

From: Kentucky Science and Technology Corporation [mailto:kstc@kstc.com]
Sent: Thursday, September 28, 2006 5:36 PM
To: Mahendra Jain
Subject: National SBIR Conference, 6 -9 November 2006

Kentucky Science & Technology Corporation

kstc@kstc.com

www.kstc.com

859.233-3502

Are you planning to attend the

National Small Business Innovation Research Conference (SBIR) Conference!

November 6-9, 2006 * Hilton Milwaukee City Center * Milwaukee, WI

***Conference Theme: Spreading the Wings of Opportunity *
Creating Future Success in the SBIR/STTR Program***

***National Science Foundation- EPSCoR may cover your conference
registration***

***Check with KSTC (Mahendra Jain, mjain@kstc.com) on how to register
for the conference without paying for the conference registration fee. Only
four free registrations are available for small businesses on a first-come
basis.***

***NOTE - The NSF-EPSCoR subsidized registration closes on October 13,
2006.***

Pre-Conference Proposal Preparation Workshop on November 6th (Additional Fees Apply)

The Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs provide more than \$2 billion each year to small businesses, helping entrepreneurs take their ideas from the laboratory to market. The SBIR and STTR programs fund projects at the earliest stages of development and allow firms who have not yet attracted funding through Venture Capital or other alternative financing to succeed in commercialization.

The 2006 Fall National SBIR/STTR Conference in Milwaukee, WI, will provide an opportunity for small businesses across the country to learn about these programs, teach them how to apply and explain what it takes to win part of the \$2 billion. The conference will provide small businesses with an opportunity to interact and share with people from across the nation.

***Conference topics will include:
What, How and Who!***

The three-track, or concurrent, format allows us to provide you with a variety of topics to choose from. You are welcome to participate in any track session that is of interest to you. Review the agenda topics on our website. The goal of all sessions is to give you valuable information and guidance to help you be successful in the program!

Networking Opportunities

Each participant in the 2006 Fall National SBIR/STTR Conference will have multiple opportunities to meet and network with SBIR and STTR program managers, fellow business men and women from across the nation, previous award winners, university researchers looking to commercialize, as well as government and business leaders who will work with aspiring entrepreneurs in starting their business.

Plus_ Post conference workshops are offered for registrants. Check the website for agenda details, registration and fee requirements!

DON'T MISS THIS UNIQUE OPPORTUNITY FOR YOUR BUSINESS!

Visit the SBIR Conference Website for program & registration details:

<http://www.sbirworld.com/wi/epscor>

28 September 2006

KSTC

From: Kentucky Science and Technology Corporation [mailto:kstc@kstc.com]

Sent: Monday, October 02, 2006 3:40 PM

To: Mahendra Jain

Subject: KSTC's Dr. Jain wins 2006 Tibbetts Award

PRESS RELEASE

For Immediate Release

Contact: Kris Kimel (859) 233 -3502 ext. 223 / Cell: 859.229-6161

KSTC's Mahendra Jain receives the 2006 National Tibbetts Award

The Kentucky Science and Technology Corporation (KSTC) today announced that Dr. Mahendra Jain, Vice President KSTC and Executive Director of the Kentucky Science and Engineering Foundation, is the recipient of 2006 National Tibbetts award. He received this award on 26 September 2006 at a ceremony held in Washington DC. Named for Roland Tibbetts—the person acknowledged as the father of the Small Business Innovation Research (SBIR) program—these prestigious, national awards are made annually to those small firms, projects, organizations and individuals judged to exemplify the very best in SBIR achievement at state, region or the nation. Dr. Jain was selected for this national award in recognition of his outstanding work that contributed so greatly to the success of the SBIR program in Kentucky and the nation. He was one of the 17 individuals selected for this award from all the states. The awards were presented by the Small Business Technology Council and the U.S. Small Business Administration.

“This prestigious award is just one example of the impressive work that Dr Jain is doing on many fronts in Kentucky” said Kris Kimel president of KSTC.

After a nation wide search, KSTC hired Dr. Jain to start and develop Kentucky Science and Engineering Foundation (KSEF) for developing science and engineering excellence in the Commonwealth through research and development and technological innovation programs eventually to contribute to the knowledge-based economic development in the state. In this capacity he also provided administrative leadership and a vision and a passion to build Kentucky's SBIR program to enable state's entrepreneurs and small businesses to participate in the federal SBIR program, which supports development of high-risk technology ideas, innovation and companies. In May 2006, Dr. Jain organized a very successful National SBIR Conference held for the first time in Kentucky for the benefit of technology businesses nationwide.

For information on the KSEF activities visit <http://ksef.kstc.com> or call (859) 233-3502 ext. 230.

KSEF is an initiative of the Kentucky Science and Technology Corporation through support from the Kentucky Council on Post-Secondary Education.

KSTC

2 October 2006

From: Kentucky Science and Technology [mailto:kstc@kstc.com]
Sent: Monday, October 02, 2006 4:41 PM
To: Mahendra Jain
Subject: SBIR-STTR Proposal Preparation Workshops

SBIR/STTR Proposal Preparation Workshops - Announcement

Why Attend? **SBIR-STTR proposal writing is different than the traditional government grant proposal**

When and Where? **Louiville, KY (NIH focus)**
October 10 and 11, 2006 (1.5 days)

Lexington, KY (General – All Federal Agencies)
October 17, 2006 (All Day)

The SBIR-STTR Program: This fiscal year, eleven (11) federal agencies will award more than \$2.0 billion to small and start-up firms that perform innovative, high-risk R&D, and commercialize the resulting technologies. These awards will be made through the Small Business Innovative Research (SBIR) and Small Business Technology Transfer (STTR) programs. Kentucky entrepreneurs and technology businesses can use this source of set-aside funds to explore high-risk technical ideas and commercialize.

The Workshop Speakers: Two speakers are giving separate workshops at two different locations.

October 10-11, 2006 - Lisa Kurek (Biotechnology Business Consultants) will focus on NIH SBIR-STTR program and include electronic submission of proposals. She will give an intensive workshop covering all aspects of preparing a competitive NIH SBIR or STTR Phase I proposal.

October 17, 2006 - Dr. Bob Berger (Robert Berger Consulting) will share insights into what elements are needed to generally develop a winning SBIR/STTR Phase I proposal that will grab the attention of the reviewers. The focus of the workshop will be to demystify the proposal preparation process in easy to understand steps. The workshop will allow time for questions and answers to understand the application components and get you started.

Wish to Register? You may register online at <http://ksef.kstc.com/>
If you have a problem, contact Debbie Rempfer at drempfer@kstc.com or at (859) 255-3613 ext. 232.

Deadlines & Fees: Please register before Monday, October 2, 2006 for either of the two workshops. The registration fees include presentation materials, continental breakfast, lunch on first day, and refreshment breaks. (Visit <http://ksef.kstc.com/> for more details)

Interested in more information? Visit our website (above) for the conference and workshop

agendas. For additional questions, contact Mahendra Jain at KSEF (mjain@kstc.com;
Telephone (859)255-3613 x 230).

Organizers

*Kentucky Science & Engineering Foundation
Kentucky Science and Technology Corporation*

Collaborators

*University of Louisville
Commerce Lexington, Inc.*

From: Kentucky Science and Technology Corporation [mailto:kstc@kstc.com]
Sent: Monday, February 12, 2007 1:41 PM
To: Mahendra Jain
Subject: Ky SBIR/STR Conference / Workshop Announcement

Kentucky SBIR/STTR Conference and Workshop Announcement

Why Attend? LEARN ABOUT ELIGIBILITY FOR THE KENTUCKY SBIR-STTR MATCHING FUNDS GRANT PROGRAM

LEARN ABOUT RECENT CHANGES IN THE FEDERAL SBIR-STTR PROGRAM

MEET FEDERAL SBIR-STTR PROGRAM MANAGERS

When and Where? SBIR/STTR Conference
March 8, 2007, in Lexington, KY (Embassy Suites Hotel)

SBIR/STTR Phase I Proposal Development Workshop
March 9, 2007, in Lexington, KY (Embassy Suites Hotel)

The Conference: (March 8, 2007) This fiscal year, eleven (11) federal agencies will award more than \$2.2 billion to small and start-up firms that perform innovative, high-risk R&D, and commercialize the resulting technologies. These awards will be made through the Small Business Innovative Research (SBIR) and Small Business Technology Transfer (STTR) programs. Kentucky companies should explore this source of capital.

The Workshop: (March 9, 2007) Ms. Lisa Kurek (Managing Partner of Biotechnology Business Consultants) will share insights into how to prepare a successful Phase SBIR or STTR proposal. The focus of the workshop will be on NIH proposal preparation. The workshop will allow time for questions and answers and will help you understand the process in crafting a fundable proposal.

Wish to Register? You may register online at <http://www.kstc.com> OR at <http://ksef.kstc.com>
If you have a problem, contact Debbie Rempfer at drempfer@kstc.com

Deadlines & Fees: Please register before Friday, February 23, 2007 for the conference and the workshop. The registration fees include presentation materials, continental breakfast, lunch, and refreshment breaks. (See <http://ksef.kstc.com/> for more details)

Interested in more information? Visit our website (above) for the conference and

workshop agendas. For additional questions contact Mahendra Jain at KSEF
(859)255-3613 x 230.

Organizers

*Kentucky Science & Engineering Foundation
Kentucky Science and Technology Corporation*

Sponsors

*University of Louisville
Commerce Lexington, Inc.
Western Kentucky University
South Central Region ICC*

KSTC

12 February 2007

From: Kentucky Science and Technology Corporation [mailto:kstc@kstc.com]
Sent: Monday, February 19, 2007 2:39 PM
To: Mahendra Jain
Subject: Reminder KY SBIR/STTR Conference & Workshop Announcement

Kentucky SBIR/STTR Conference and Workshop Announcement *Reminder*

Why Attend? **LEARN ABOUT ELIGIBILITY FOR THE KENTUCKY SBIR-STTR MATCHING FUNDS GRANT PROGRAM**

LEARN ABOUT RECENT CHANGES IN THE FEDERAL SBIR-STTR PROGRAM

MEET FEDERAL SBIR-STTR PROGRAM MANAGERS

When and Where? **SBIR/STTR Conference**

March 8, 2007, in Lexington, KY (Embassy Suites Hotel)

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Wish to Register? You may register online at <http://www.kstc.com> OR at <http://ksef.kstc.com>

If you have a problem, contact Debbie Rempfer at drempfer@kstc.com

Deadlines & Fees: Please register before Friday, February 23, 2007 for the conference and the workshop. The registration fees include presentation materials, continental breakfast, lunch, and refreshment breaks. (See <http://ksef.kstc.com> for more details)

Interested in more information? Visit our website (above) for the conference and

workshop agendas. For additional questions contact Mahendra Jain at KSEF
(859)255-3613 x 230.

Organizers

*Kentucky Science & Engineering Foundation
Kentucky Science and Technology Corporation*

Sponsors

*University of Kentucky
University of Louisville
South Central Region ICC
Western Kentucky University
Commerce Lexington, Inc.*

KSTC

19 February 2007

From: Kentucky Science and Technology Corporation [mailto:kstc@kstc.com]
Sent: Monday, February 26, 2007 11:17 AM
To: Mahendra Jain
Subject: SBIR/STTR Registration Deadline Extended

Registration Deadline Extended to March 1 **Register Now**

Kentucky SBIR/STTR Conference and Workshop **Announcement**

For info and registration visit <http://ksef.kstc.com>

When and Where?

SBIR/STTR Conference

**March 8, 2007, in Lexington, KY (Embassy Suites
Hotel)**

SBIR/STTR Phase I Proposal Development Workshop

**March 9, 2007, in Lexington, KY
(Embassy Suites Hotel)**

Organizers:

Kentucky Science & Engineering Foundation
Kentucky Science and Technology Corporation

Sponsors:

University of Kentucky
University of Louisville
South Central Region ICC
Western Kentucky University
Commerce Lexington, Inc.

KSTC
859-233-3502
kstc@kstc.com
26 February 2007

From: Kentucky Science and Technology Corporation [mailto:kstc@kstc.com]
Sent: Thursday, March 01, 2007 5:51 PM
To: Mahendra Jain
Subject: Last Reminder - KY SBIR/STTR Conference/Workshop

LAST REMINDER – REGISTER NOW

Kentucky SBIR/STTR Conference and Workshop Announcement

For info and registration visit <http://ksef.kstc.com>

When and Where?

SBIR/STTR Conference

**March 8, 2007, in Lexington, KY (Embassy Suites
Hotel)**

SBIR/STTR Phase I Proposal Development Workshop

**March 9, 2007, in Lexington, KY
(Embassy Suites Hotel)**

Organizers:

Kentucky Science & Engineering Foundation
Kentucky Science and Technology Corporation

Sponsors:

University of Kentucky
University of Louisville
South Central Region ICC
Western Kentucky University
Commerce Lexington, Inc.

KSTC

859-233-3502

kstc@kstc.com

1 March 2007

From: Kentucky Science and Technology Corporation [mailto:kstc@kstc.com]
Sent: Monday, March 19, 2007 9:37 AM
To: Mahendra Jain
Subject: Spring 07 Natinal SBIR Conference

Spring 2007 National SBIR Conference

April 30 – May 3, 2007

RTP/Durham, NC

WHO: Small businesses and researchers from around the country involved in scientific or technological research and development who are interested in learning how to tap into the nation's two billion dollar R&D funding resource.

WHAT: Spring 2007 SBIR National Conference - **CONFERENCE WEBSITE:**
www.sbtcd.org/events/sbir/2007

WHEN: Monday, April 30th to Thursday, May 3rd

WHERE: Sheraton Imperial Hotel and Convention Center, RTP/Durham, North Carolina

WHY: Conference attendees will be offered flexible multi-track sessions in order to select topics of highest relevance to the current state of their business. **For newcomers** to the SBIR/STTR programs, attendees will learn how to apply and win some of the \$2.2 billion in Federal grants and contracts. **For those who have reached the Phase 1** funding milestone, learning will focus on how to stay on track for success and achieve next level funding. **For the multiple award winner**, details on moving to full commercial operation will cover procurement, business development, technology and financing.

In addition, pre- and post-conference workshops will be offered as well as exhibits, one-on-one sessions with Federal Program Representatives and networking with state support services, fellow attendees and successful awardees. **Participating Federal agencies** who will be presenting and be available for one-on-one sessions include:

- [Department of Agriculture](#)
- [Department of Commerce](#)

- [Department of Defense](#) and associated branches including Army, Air Force, Navy and many others
- [Department of Energy](#)
- [Department of Health & Human Services](#)
- [Department of Homeland Security](#)
- [Department of Transportation](#)
- [Environmental Protection Agency](#)
- [National Aeronautics & Space Administration](#)
- [National Science Foundation](#)

DEMO COMPANIES: Meet with successful awardees from across the technology spectrum who will be exhibiting their R&D. Learn what made them successful! Current firms include: [Defense Holdings, Inc. \(DHi\)](#), [Anautics, Inc.](#), [Flying Bridge Technologies](#), [Global Technology Connection, Inc.](#), [Insitutech](#), [Inneroptic](#), [Propagation Research Associates, Inc.](#), [Mi-Co](#), and [Southeast TechInventures](#).

DEADLINES:

- **Conference Registration:** [April 10th](#) (to receive pre-conference rates: \$249 for NC firms and \$299 for outside NC firms)
- **Hotel Reservation** at Sheraton: [April 6th](#) (after 4/6 the conference room rate of \$110 will no longer be available)
- **Investor Ready Entrepreneur:** Registration is limited to the [first 75](#) P1 and P2 awardees who sign up on the conference registration website.

SPONSORS:

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[NC Biotechnology Center](#)
[Focus Resources](#)

Break

[NC Research Campus](#)
[TN SBIR Resource Center](#)
[Oak Ridge National Lab](#)
[VACEDA / SwVA PTAC](#)

Exhibit

[NC IDEA](#)

[Daniels Daniels and Verdonik](#)

[Wyrick Robbins Yates and Ponton](#)

[Renaissance Computing Institute](#)

[Hutchison Law Group](#)

[Carilion Biomedical Institute](#)

[T2Bridge](#)

[Inception Micro Angel Fund](#)

[The Research Triangle Park](#)

[Digisoft Solutions](#)

[Luna Innovations](#)

Media

[Tech Journal South](#)

QUESTIONS: Visit **CONFERENCE WEBSITE:**

www.sbt-dc.org/events/sbir/2007

Contact John Ujvari via email at sbir@sbt-dc.org

From: Kentucky Science and Technology Corporation [mailto:kstc@kstc.com]
Sent: Monday, April 02, 2007 5:31 PM
To: Mahendra Jain
Subject: SBIR Nat'l Conference Hotel Block Expires THIS Fri., 4/6

IMPORTANT REMINDER - SBIR Conference Hotel Block Expiration:

The Hotel block for the SBIR National Conference expires **THIS Friday, April 6th**. Take advantage of the conference facility's hotel at the conference rate of \$110. After Friday, this rate is no longer available.

Hotel rate and reservation information available at:

<http://www.sbtcd.org/events/sbir/2007/hotel.htm>

Official SBIR National Conference Website:

<http://www.sbtcd.org/events/sbir/2007/index.htm>

Don't miss the only National SBIR Conference on the East Coast until Fall 2008!

Small Business Innovation Research (SBIR) National Conference: April 30 - May 3, 2007

WHO: Small businesses and researchers from around the country involved in scientific or technological research and development who are interested in learning how to tap into the nation's two billion dollar R&D funding resource.

WHAT: Spring 2007 SBIR National Conference - **CONFERENCE WEBSITE:**
www.sbtcd.org/events/sbir/2007

WHEN: Monday, April 30th to Thursday, May 3rd

WHERE: Sheraton Imperial Hotel and Convention Center, RTP/Durham, North Carolina

WHY: Conference attendees will be offered flexible multi-track sessions in order to select topics of highest relevance to the current state of their business. **For newcomers** to

the SBIR/STTR programs, attendees will learn how to apply and win some of the \$2.2 billion in Federal grants and contracts. **For those who have reached the Phase 1** funding milestone, learning will focus on how to stay on track for success and achieve next level funding. **For the multiple award winner**, details on moving to full commercial operation will cover procurement, business development, technology and financing.

In addition, pre- and post-conference workshops will be offered as well as exhibits, one-on-one sessions with Federal Program Representatives and networking with state support services, fellow attendees and successful awardees. **Participating Federal agencies** who will be presenting and be available for one-on-one sessions include:

- [Department of Agriculture](#)
- Department of Commerce - [NOAA](#) and [NIST](#)
- [Department of Defense](#) and associated branches including Army, Air Force, Navy and many others
- [Department of Energy](#)
- [Department of Health & Human Services](#)
- [Department of Homeland Security](#)
- [Department of Transportation](#)
- [Environmental Protection Agency](#)
- [National Aeronautics & Space Administration](#)
- [National Science Foundation](#)

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The ResearchTrianglePark
Digisoft Solutions
Luna Innovations
CIT
Texas SBIR
Kentucky Science and Technology Corporation

Media

Tech Journal South

QUESTIONS: Visit **CONFERENCE WEBSITE:**

www.sbtcd.org/events/sbir/2007

Contact John Ujvari via email at sbir@sbtcd.org

From: Kentucky Science and Technology Corporation [mailto:kstc@kstc.com]
Sent: Friday, April 13, 2007 9:26 AM
To: Mahendra Jain
Subject: Final Reminder Spring 07 SBIR National Conference

FINAL REMINDER re: Spring 2007 SBIR National Conference in RTP, NC

Pre-Registration Extended to Wednesday, April 18th at the \$249 (NC business) and \$299 (Outside NC) rates.

Once Pre-registration closes, rate increases to \$399.

Capacity is becoming limited, so register SOON!

We look forward to seeing you at the Spring 2007 SBIR National Conference!

Small Business Innovation Research (SBIR) National Conference: April 30 - May 3, 2007

WHO: Small businesses and researchers from around the country involved in scientific or technological research and development who are interested in learning how to tap into the nation's two billion dollar R&D funding resource.

WHAT: Spring 2007 SBIR National Conference - **CONFERENCE WEBSITE:**
www.sbtcd.org/events/sbir/2007

WHEN: Monday, April 30th to Thursday, May 3rd

WHERE: Sheraton Imperial Hotel and Convention Center, RTP/Durham, North Carolina

WHY: Conference attendees will be offered flexible multi-track sessions in order to select topics of highest relevance to the current state of their business. **For newcomers** to the SBIR/STTR programs, attendees will learn how to apply and win some of the \$2.2

billion in Federal grants and contracts. **For those who have reached the Phase 1** funding milestone, learning will focus on how to stay on track for success and achieve next level funding. **For the multiple award winner**, details on moving to full commercial operation will cover procurement, business development, technology and financing.

In addition, pre- and post-conference workshops will be offered as well as exhibits, one-on-one sessions with Federal Program Representatives and networking with state support services, fellow attendees and successful awardees. **Participating Federal agencies** who will be presenting and be available for one-on-one sessions include:

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- Department of Commerce - [NOAA](#) and [NIST](#)
- [Department of Defense](#) and associated branches including Army, Air Force, Navy and many others
- [Department of Energy](#)
- [Department of Health & Human Services](#)
- [Department of Homeland Security](#)
- [Department of Transportation](#)
- [Environmental Protection Agency](#)
- [National Aeronautics & Space Administration](#)
- [National Science Foundation](#)

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DEADLINES:

- **Conference Registration:** [April 10th](#) (to receive pre-conference rates: \$249 for NC firms and \$299 for outside NC firms)

- **Hotel Reservation** at Sheraton: April 6th (after 4/6 the conference room rate of \$110 will no longer be available)
- **Investor Ready Entrepreneur:** Registration is limited to the first 75 P1 and P2 awardees who sign up on the conference registration website.

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NC Biotechnology Center
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Break

NC Research Campus
TN SBIR Resource Center
Oak Ridge National Lab
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Exhibit

NC IDEA
Daniels Daniels and Verdonik
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Renaissance Computing Institute
Hutchison Law Group
Carilion Biomedical Institute
T2Bridge
Inception Micro Angel Fund
The ResearchTrianglePark
Digisoft Solutions
Luna Innovations
CIT
Texas SBIR
Kentucky Science and Technology Corporation

Media

Tech Journal South

QUESTIONS: Visit **CONFERENCE WEBSITE:**

www.sbtcd.org/events/sbir/2007

Contact John Ujvari via email at sbir@sbtcd.org

From: Kentucky Science and Technology Corporation [mailto:kstc@kstc.com]
Sent: Friday, April 27, 2007 4:17 PM
To: Mahendra Jain
Subject: New Funding Opportunities in R&D Excellence Program

Kentucky Science & Technology Corporation
kstc@kstc.com / www.kstc.com
859.233-3502

Solicitation Announcement for New Funding Opportunities in the Research & Development Excellence Program

The Kentucky Science and Engineering Foundation (KSEF) announces a new Request for Proposals (RFP). A total of up to \$400,000 is available under the R&D Excellence Program for individual awards of up to \$20,000 for a 1 year period. This round of funding (KSEF-07-RDE-010) is open **ONLY** in the Emerging Ideas grant category. Scientists and engineers from universities, private colleges and other post-secondary institutions are eligible to apply. Please feel free to share this solicitation announcement with others.

Application Instructions:

1. [Request for Proposal](#)

Deadlines and Submission Forms:

1. To be eligible for an invitation to submit a proposal, a Letter of Intent (LOI) must be submitted online by **Friday, May 11, 2007, 4:00pm ET**.

[Click here to access the Online LOI Submission Form.](#)

Note: You will be prompted for a login account consisting of your email address and a password. If you do not have a previous login account you may apply for one by clicking here.

2. Invitations for proposal submission will be sent by **Tuesday, May 22, 2007, 4:00pm ET**
3. Invited proposals must be submitted online by **Thursday, June 14, 2007, 4:00pm ET**.

Copies of Cover Sheet and Budget Page signed by the PI and authorized official must be received in our office within **Two business days of the on-line submission deadline**.

27 April 2007
KSTC

From: Kentucky Science & Technology Corporation [mailto:kstc@kstc.com]
Sent: Monday, May 07, 2007 9:46 AM
To: Mahendra Jain
Subject: NIST ATP Program Returns

The NIST Advanced Technology Program (ATP) program has returned.

The closing date for proposals is Monday, May 21, 2007.

ATP is a competitive program that provides partial government funding for innovative, high-risk R&D projects. The ATP's goal is to foster the development of path-breaking new technologies that can produce significant, broad-based economic benefits for our nation.

For smaller, start-up firms, early support from ATP can make the difference between success and failure. **(A single company can receive up to a total of \$2 million for up to three years)**

Large firms can work with ATP, especially in joint-ventures, to develop critical, high-risk technologies that would be difficult for any one company to justify because the benefits would be spread across the industry as a whole **(No funding limitations for a joint venture).**

On April 4, 2007, the Department of Commerce (DOC) has announced the opening of a new FY 07 [Advance Technology Program](#) (ATP) solicitation under DOC's National Institute of Standards and Technology (NIST).

NEED ADDITIONAL INFORMATION?

- Contact Mahendra Jain at the Kentucky Science and Engineering Foundation (mjain@kstc.com; 859-255-3613 ext. 230) for a Proposal Preparation Kit and other information;
- Call the ATP at 1-800-287-3863;
- Send an e-mail to atp@nist.gov;
- Visit <http://www.atp.nist.gov>

KSTC

7 May 2007
